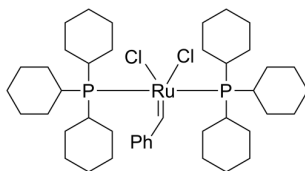


# Certificate of Analysis

## Compound Information

<b>Product Name:</b>	Grubbs 1st
<b>Cat. No.:</b>	1023599
<b>CAS No.:</b>	172222-30-9
<b>Molecular Formula:</b>	C <sub>43</sub> H <sub>72</sub> Cl <sub>2</sub> P <sub>2</sub> Ru
<b>Molecular Weight:</b>	822.96
<b>Chemical Structure:</b>	



## Batch Information

<b>Batch No.:</b>	L395251
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2024-04-09
<b>Retest Date:</b>	2027-04-08
<b>Origin:</b>	Shanghai, China

## QC Summary

	Specification	Result
<b>Appearance:</b>	Pale purple to purple (Solid)	Dark Purple (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure	Consistent with structure
<b>Purity, ω/%:</b>	>97	98
<b>Structure Identification(<sup>1</sup>H NMR Spectrum):</b>	Conforms	Conforms
<b>Structure Identification(<sup>31</sup>P NMR Spectrum):</b>	Conforms	Conforms
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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